

AG Contract No. KR02-1912TRN
ADOT ECS File No. JPA 02-176
Project No.: STP 202-C (001)
Section: Arizona Avenue – Gilbert Road
TRACS No.: H5381 01C

INTERGOVERNMENTAL AGREEMENT

BETWEEN
THE STATE OF ARIZONA,
AND
THE CITY OF CHANDLER

THIS AGREEMENT is entered into 17 March, 2003, pursuant to the Arizona Revised Statutes, Section 28-401, as amended, between the STATE OF ARIZONA, acting by and through its DEPARTMENT OF TRANSPORTATION (the "State") and the CITY OF CHANDLER, acting by and through its MAYOR and CITY COUNCIL (the "City").

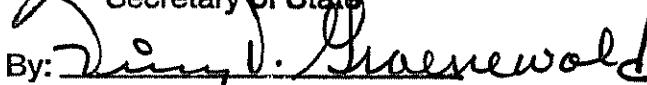
I. RECITALS

1. The State is empowered by Arizona Revised Statutes Section 28-408 to enter into this Agreement and has by resolution, a copy of which is attached hereto and made a part hereof, resolved to enter into this Agreement and has delegated to the undersigned the authority to execute this Agreement on behalf of the State.
2. The City is empowered by Arizona Revised Statutes Section 48-572 to enter into this agreement and has by resolution, a copy of which is attached hereto and made a part hereof, resolved to enter into this Agreement and has authorized the undersigned to execute this Agreement on behalf of the City.
3. Incident to the construction of the Santan Freeway (202L), Arizona Avenue to Gilbert Road contemplated by the State, the City has requested the State construct a number of utility, signal related, and/or aesthetic improvements, on behalf of the City, hereinafter referred to as the "Project". The items listed on, but not limited to, Exhibit A, attached hereto and made a part hereof, are the estimated costs of \$4,258,289.00, at City expense. Any changes to the related items listed on Exhibit A will only occur with the mutual agreement of the City and the State.
4. The State's construction of the Project will include the relocation/installation of City utilities. It is understood that the State is acting as a third party on behalf of the City, administering construction of the City's facilities. At no time is the State to be considered the owner of, operator of, or locator for the City's facilities.
5. The parties hereto agree and acknowledge to the following conditions: 1) The amounts referenced in this agreement are subject to change; 2) The estimated amounts can change substantially; and, 3) Both parties will perform their responsibilities consistent with the agreement.

THEREFORE, in consideration of the mutual agreements expressed herein, it is agreed as follows:

NO. 25890
Filed with the Secretary of State
Date Filed: 03/17/03


Janice K. Brewes
Secretary of State

By: 
Cindy J. Graenewold

II. SCOPE OF WORK

1. The State will:

- a. Upon execution of this agreement, invoice the City \$4,258,289.00 for the estimated costs of the design, construction, and post design costs, which includes a fixed rate of 14% for construction engineering and administration, as shown on Exhibit A. The estimated amount referenced herein, is due 30 days after the City's receipt of an invoice, and shall be available to the State as required to pay actual monthly contractor payments of the Project.
- b. Upon receipt of estimated funds from the City, agree to be authorized agent for the City. On behalf of the City, include the City's requested enhancements and provide to State standard design plans, specifications and other such documents and services required for the construction bidding and construction of the Project.
- c. Upon completion of final design and approvals/clearances, advertise for bid the State's Santan Freeway (202L), Arizona Avenue to Gilbert Road project. On behalf of the City and with approval by Resolution of the State Transportation Board, award one or more contracts to accomplish the Project(s), administer same and make all payments to the contractor(s). Confer with the City on any Project related contract modifications. Be responsible for any contractor claims for extra compensation due to delays or whatever reason attributable to the State.
- d. Upon completion of the Project, provide the City with a recapitulation of the Project's costs, to include, but not limited to: design, construction and post design costs, along with an invoice or reimbursements, for the difference between the amount paid by the City and the actual costs for the Project, which includes a fixed rate of 14% for construction engineering and administration costs.
- e. Upon approval and acceptance of the Project by the State on behalf of the parties hereto, provide maintenance inside the State's control of access, excluding all Project's aesthetic enhancement features, constructed at the City's request.
- f. Reimburse the City in the amounts attributed to Exhibit A, item 8a (estimated at \$633,106.00) and item 9 (estimated at \$868,369.00) for an estimated total of \$1,501,475.00, in the event it is determined that the City prevails on their claim of prior rights to the disputed items referenced herein and listed in Exhibit A.

2. The City will:

- a. Upon execution of this agreement, and within 30 days of receipt of an invoice from the State, remit to the State, \$4,258,289.00 for the estimated costs of the Project (including a fixed rate of 14% construction engineering, and administration), as shown on Exhibit A.
- b. Does hereby designate the State as authorized agent for the City. The City will be responsible for the actual costs for the Project, which includes a fixed rate of 14% for construction engineering and administration costs. Project costs to include, but not limited to: design, construction and post design costs, currently estimated at \$4,258,289.00.
- c. Review the design plans, specifications and other such documents and provide comments as necessary.
- d. Be responsible for any design consultant and/or contractor claims for extra compensation attributable to the City. The City agrees to be responsible for any liability which may be a result of the City's portion of the Project, with the exception of any negligence or willful conduct on the part of the State.

e. Upon completion and acceptance of the Project, reimburse the State if the actual costs incurred by the State for the Project, exceeds the amount of the City's remittance, within 30 days after receipt of an invoice, for the actual cost of the Project, which includes a fixed rate of 14% for construction engineering and administration costs for the Project.

f. Upon completion and acceptance of the Project by the State on behalf of the parties hereto, provide maintenance of the Project, including but not limited to: maintenance and painting required for the elements listed in Item No. 1, Item No. 5, and Item No. 7: as listed on Exhibit A. It is understood, Item No. 3 (traffic signal) on Exhibit A, will be turned over to the City once the signal is turned on and the City will provide operation and maintenance of the signal and any highway lighting. In addition, the City will be responsible for electrical power costs associated with the signal. The City's obligations to maintain the Project shall be perpetual as to any aesthetic enhancements elements of the Project and as other elements of the Project(s), shall endure until the element is removed or abandoned in place.

III. MISCELLANEOUS PROVISIONS

1. This agreement shall remain in force and effect until completion of the Project and said payments or reimbursements; provided, however, that this agreement, except any provisions herein for maintenance, which shall be perpetual, may be cancelled at any time prior to the advertisement of a Project construction contract, upon thirty (30) days written notice to the other party notwithstanding the preceding sentence.

2. Should the City withdraw its proposed plans for whatever reason, the City shall be responsible for all costs incurred by the State up to the time of withdrawal, unless the reason for the City's cancellation is due to the State's failure to comply with its obligations herein.

3. This agreement shall become effective upon filing with the Secretary of State.

4. This agreement may be canceled in accordance with Arizona Revised Statutes Section 38-511.

5. The provisions of Arizona Revised Statutes Section 35-214 are applicable to this agreement.

6. In the event of any controversy which may arise out of this agreement, the parties hereto agree to abide by required arbitration as is set forth for public works contracts in Arizona Revised Statutes Section 12-1518.

7. All notices or demands upon any party to this agreement shall be in writing and shall be delivered in person or sent by mail addressed as follows:

Arizona Department of Transportation
Joint Project Administration
205 South 17th Avenue, Mail Drop 616E
Phoenix, Arizona 85007
FAX: 602 712-7424

City of Chandler
City Manager, Mail Stop 605
55 N. Arizona Pl., Suite 301
P.O. Box 4008
Chandler, AZ 85244-4008

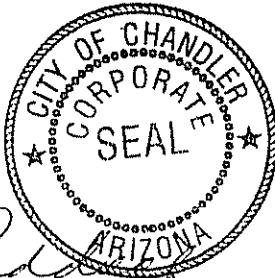
IN WITNESS WHEREOF, the parties have executed this agreement the day and year first above written.

CITY OF CHANDLER

By Boyd Dunn
BOYD DUNN
Mayor

ATTEST

By Marla Paddock
MARLA PADDOCK
City Clerk



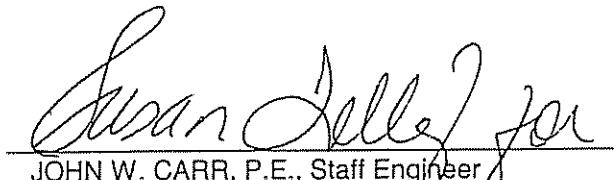
STATE OF ARIZONA
Department of Transportation

By: Daniel S. Lance
DANIEL S. LANCE, P.E.
Deputy State Engineer

RESOLUTION

BE IT RESOLVED on this 20th day of September, 2002, that I, the undersigned VICTOR M. MENDEZ, as Director of the ARIZONA DEPARTMENT OF TRANSPORTATION, have determined that it is in the best interests of the STATE OF ARIZONA that the DEPARTMENT OF TRANSPORTATION, acting by and through the Intermodal transportation Division, to enter into an agreement with the City of Chandler, for the purpose of defining responsibilities for the design and construction of a number of utility, signal related, or aesthetic improvements, including the relocation/ installation of City utilities, incident to the State's construction of the Santan Freeway (202L).

Therefore, authorization is hereby granted to draft said agreement, which, upon completion, shall be submitted to the Deputy State Engineer for approval and execution.



JOHN W. CARR, P.E., Staff Engineer
Development / Intermodal Transportation Division
for VICTOR M. MENDEZ, Director

EXHIBIT "A"
SUMMARY OF IGA COSTS

SANTAN FREEWAY (ARIZONA AVENUE TO GILBERT ROAD)
DESCRIPTION AND COST OF PAY ITEMS FOR THE CITY OF CHANDLER ENHANCEMENTS

ITEM	DESIGN	COST		DESCRIPTION
		CONSTRUCTION	TOTAL	
1 MCQUEEN ROAD BUSBAY	See Footnote 1	\$11,165.00	\$11,165.00	Northbound busbay on McQueen Road south of Willis Road from Sta 14+71 to 16+45.
2 RECLAIMED WATERLINE AND SLEEVES	See Footnote 1	\$593,060.00	\$593,060.00	24" waterline with 36" sleeve in McQueen Road across SR202. 24" waterline in 36" sleeve under McQueen Road. 24" sleeve under Cooper Road at south RW line.
3 TRAFFIC SIGNAL ITEMS		\$96,266.00	\$97,526.00	The City of Chandler requested that ADOT provide and install Optical Pre-emption equipment and auto-scope detector cameras for crossroad traffic signals within the project limits. Design effort includes research, plan revisions and special provisions. Fixed credit provided for typical loop installation.
4 COMMUNICATIONS CONDUIT	See Footnote 1	\$77,518.00	\$77,518.00	Conduits on McQueen Road & Bridge (6-4" conduits), Cooper Road & Bridge (2-4" conduits), and Gilbert Road & Bridge (2-4" conduits). Conduits extend to end of PCCP and then to back of sidewalk.
5 ACCENT PAINTING AND BRIDGE AESTHETICS		\$485,788.50	\$497,632.50	Accent painting of bridge parapets, barrier, retaining and combination walls, fencing and pier columns at McQueen Road, Cooper Road and Gilbert Road. Paint cross road right-of-way fencing. Provide metal fence graphics at crossroad bridge structures. Design includes plans, special provisions and estimate for accent painting. Preparing basefiles and sheet preparation for aesthetics.

1. Design Costs for this item are reflected in JPA 02-012.

EXHIBIT "A"
SUMMARY OF IGA COSTS

**SANTAN FREEWAY (ARIZONA AVENUE TO GILBERT ROAD)
DESCRIPTION AND COST OF PAY ITEMS FOR THE CITY OF CHANDLER ENHANCEMENTS**

ITEM	DESIGN	COST		DESCRIPTION
		CONSTRUCTION	TOTAL	
6 NEW WATERLINES AND SLEEVES	See Footnote 1	\$1,051,359.00	\$1,051,359.00	36" waterline with 48" sleeve in McQueen Road across SR202, 36" waterline with 48" sleeve in Cooper Road across SR202, and 12" waterline with 24" sleeve in Gilbert Road across SR202.
7 CONSOLIDATED CANAL UNDERDECK LIGHTING	See Footnote 1	\$12,898.50	\$12,898.50	Consolidated Canal under deck lighting for the Paseo Canal Pathway under the Santan Freeway.
8a REPLACE WATERLINES	See Footnote 1	\$633,106.00	\$633,106.00	The cost to replace existing 24" waterline in McQueen Road and 12" waterline in Willis Road.
8b UPSIZE WATERLINES	See Footnote 1	\$126,867.00	\$126,867.00	The cost to upsize existing 24" waterline in McQueen Road to 36" and to upsize existing 12" waterline in Willis Road to 16".
8c UPSIZE WATERLINE	See Footnote 1	\$153,198.00	\$153,198.00	The cost to upsize existing 6" waterline in Cooper Road to 16".
9 REPLACE EXISTING SEWER LINES	See Footnote 1	\$868,369.00	\$868,369.00	Existing 18" force main in McQueen Road is being relocated across SR202. The new line is east of McQueen Road and includes a 30" sleeve. Existing 30" VCP sewer line in McQueen Road is being relocated across SR202. The new sewer line is east of McQueen Road and includes a 42" sleeve.
10 SIDEWALKS AND HANDICAP RAMPS		\$18,907.00	\$20,692.00	Sidewalks and handicap ramps from PCCP limits to end of construction on McQueen Rd at NW and SW corners of Ti and on Cooper Rd at NE corner of Ti.

1. Design Costs for this item are reflected in JPA 02-012.

EXHIBIT "A"
SUMMARY OF IGA COSTS

SANTAN FREEWAY (ARIZONA AVENUE TO GILBERT ROAD)
DESCRIPTION AND COST OF PAY ITEMS FOR THE CITY OF CHANDLER ENHANCEMENTS

ITEM	DESIGN	CONSTRUCTION	COST		DESCRIPTION
				TOTAL	
11 STORM DRAIN	\$16,065.00	\$126,233.00	\$142,298.00		Provide storm drain system in McQueen and Cooper Roads to intercept future pavement drainage from the north.
12 WILLIS ROAD AT MCQUEEN ROAD	N/A	N/A	(\$27,400.00)		Road improvement credit for half street improvement per city code in front of ADOT's McQueen Road Pump Station. Cost as provided by City of Chandler.
ITEM 1-12 TOTAL:	\$30,954.00	\$4,254,735.00	\$4,258,289.00		

1. Design Costs for this item are reflected in JPA 02-012.

EXHIBIT "A"
ITEM 1 IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
1	ITEM 1 - MCQUEEN ROAD BUSBAY				
2					
3					
4	4010028 PORTLAND CEMENT CONCRETE PAVEMENT (FOR BUS BAY)	SQ.YD.	165	\$40.00	\$6,600.00
5	9080108 CONCRETE SINGLE CURB (MAG DET. 222) (TYPE A) (L.FT.	175	\$8.00	\$1,400.00
6	9080602 CONCRETE BUS SHELTER PAD (COC STD C-230)	SQ. FT.	210	\$3.00	\$630.00
7	SUBTOTAL CONSTRUCTION COST (ITEM 1)				\$8,630.00
8					
9	MAINTENANCE OF TRAFFIC SHARE ¹	L.SUM	1	1.50%	\$129.00
10	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L.SUM	1	1.00%	\$86.00
11	CONTRACTOR QUALITY CONTROL SHARE ³	L.SUM	1	1.00%	\$86.00
12	MOBILIZATION SHARE ⁴	L.SUM	1	10.00%	\$863.00
13	SUBTOTAL CONSTRUCTION COST (ITEM 1)				\$9,794.00
14					
15	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$1,371.00
16	DESIGN ENGINEERING ⁷				\$0.00
17	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$0.00
18	ITEM 1 TOTAL COST				\$11,165.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.
7. Design Costs for this item are reflected in JPA 02-012.

EXHIBIT "A"
ITEM 2 IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
ITEM 2 - RECLAIMED WATERLINE AND SLEEVES					
1					
2					
3	MCQUEEN ROAD (24" WATERLINE WITH 36" SLEEVE ACROSS SR202)	L.FT.	525	\$200.00	\$105,000.00
4	8080541 PIPE (BLACK STEEL) (36")	L.FT.	1,708	\$150.00	\$256,200.00
5	8080994 WATER MAIN (24" EFFLUENT) (COC) (MCQUEEN ROAD)	L.FT.			
6	MCQUEEN ROAD (24" WATERLINE WITH 36" SLEEVE ACROSS MCQUEEN ROAD)	L.FT.	164	\$200.00	\$32,800.00
7	8080541 PIPE (BLACK STEEL) (36")	L.FT.	179	\$150.00	\$26,850.00
8	8080994 WATER MAIN (24" EFFLUENT) (COC) (MCQUEEN ROAD)	L.FT.			
9	COOPER ROAD (24" SLEEVE FOR FUTURE RECLAIMED WATERLINE)	L.FT.	250	\$150.00	\$37,500.00
10	8080539 PIPE (BLACK STEEL) (24")	L.FT.			
11	SUBTOTAL CONSTRUCTION COST (ITEM 2)	L.SUM	1	1.50%	\$458,350.00
12	Maintenance of Traffic Share ¹	L.SUM	1	1.50%	\$6,875.00
13	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L.SUM	1	1.00%	\$4,584.00
14	CONTRACTOR QUALITY CONTROL SHARE ³	L.SUM	1	1.00%	\$4,584.00
15	MOBILIZATION SHARE ⁴	L.SUM	1	10.00%	\$45,835.00
16	SUBTOTAL CONSTRUCTION COST (ITEM 2)				\$520,228.00
17					
18	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$72,832.00
19	DESIGN ENGINEERING ⁷				\$0.00
20	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$0.00
21	ITEM 2 TOTAL COST				\$593,060.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.
7. Design Costs for this item are reflected in JPA 02-012.

EXHIBIT "A"
ITEM 3 IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
ITEM 3 - TRAFFIC SIGNAL ITEMS					
1		EACH	3	\$2,000.00	\$6,000.00
2	7350551 OPTICOM PRE-EMPTION UNIT				
3	7370421 ELECTRICAL SYSTEM (INSTALL INTERNALLY ILLUMINATED STREET SIGN)	EACH	6	\$400.00	\$2,400.00
4					
5	7370422 ELECTRICAL SYSTEM ("AUTOSCOPE SOLO PRO" VIDEO CAMERA DETECTION SYSTEM)	EACH	3	\$37,000.00	\$111,000.00
6		L.SUM	1	(\$45,000.00) ⁷	(\$45,000.00)
7	LOOP DETECTOR CREDIT				
8					
	SUBTOTAL CONSTRUCTION COST (ITEM 3)				\$74,400.00
9	MAINTENANCE OF TRAFFIC SHARE ¹	L.SUM	1	1.50%	\$1,116.00
10	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L.SUM	1	1.00%	\$744.00
11	CONTRACTOR QUALITY CONTROL SHARE ³	L.SUM	1	1.00%	\$744.00
12	MOBILIZATION SHARE ⁴	L.SUM	1	10.00%	\$7,440.00
13					
	SUBTOTAL CONSTRUCTION COST (ITEM 3)				\$84,444.00
14					
15	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$11,822.00
16	DESIGN ENGINEERING				\$1,200.00
17	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$60.00
18					
	ITEM 3 TOTAL COST				\$97,526.00

Notes:

- Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
- Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
- Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
- Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
- Construction Engineering and Administration is calculated at 14% of the City's construction cost.
- Engineering Administration is calculated at 5% of the City design cost.
- The video camera detection system replaced pavement loop detectors. COC will be credited a lump sum of \$45,000.

EXHIBIT "A"
ITEM 4 IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
ITEM 4 - COMMUNICATIONS CONDUIT					
1	MCQUEEN ROAD				
2	ELECTRICAL CONDUIT (MCQUEEN ROAD, 6-4")	L.FT.	735	\$10.00	\$7,350.00
3	7320295 ELECTRICAL CONDUIT IN BRIDGE (MCQUEEN TI OVERPASS)	L.SUM	1	\$10,000.00	\$10,000.00
4	7320300G CONDUIT IN BRIDGE (MCQUEEN TI OVERPASS)	EACH	2	\$1,800.00	\$3,600.00
5	7320455 PULL BOX (NO. 9)				
6	COOPER ROAD				
7	7320296 ELECTRICAL CONDUIT (COOPER ROAD, 2-4")	L.FT.	705	\$8.00	\$5,640.00
8	7320301K CONDUIT IN BRIDGE (COOPER TI OVERPASS)	L.SUM	1	\$10,000.00	\$10,000.00
9	7320455 PULL BOX (NO. 9)	EACH	2	\$1,800.00	\$3,600.00
10	GILBERT ROAD				
11	7320297 ELECTRICAL CONDUIT (GILBERT ROAD, 2-4")	L.FT.	765	\$8.00	\$6,120.00
12	7320302M CONDUIT IN BRIDGE (GILBERT TI OVERPASS)	L.SUM	1	\$10,000.00	\$10,000.00
13	7320455 PULL BOX (NO. 9)	EACH	2	\$1,800.00	\$3,600.00
14	SUBTOTAL CONSTRUCTION COST (ITEM 4)				\$59,910.00
15	Maintenance of Traffic Share ¹	L.SUM	1	1.50%	\$899.00
16	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L.SUM	1	1.00%	\$599.00
17	CONTRACTOR QUALITY CONTROL SHARE ³	L.SUM	1	1.00%	\$599.00
18	MOBILIZATION SHARE ⁴	L.SUM	1	10.00%	\$5,991.00
19	SUBTOTAL CONSTRUCTION COST (ITEM 4)				\$67,998.00
20	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$9,520.00
21	DESIGN ENGINEERING ⁷				\$0.00
22	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$0.00
23	ITEM 4 TOTAL COST				\$77,518.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.
7. Design Costs for this Item are reflected in JPA 02-012.

EXHIBIT "A"
ITEM 5 IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
ITEM 5 - ACCENT PAINTING & BRIDGE AESTHETICS					
1					
2					
3	9240117 MISCELLANEOUS WORK(ACCENT PAINT STRUCTURES)(RETAINING AND COMBINATION WALLS, BRIDGE PARAPET, BARRIER AND PIERS)	SQ.FT.	31,290	\$2.50	\$78,225.00
4					
5	9240136 MISCELLANEOUS WORK(BRIDGE FENCE GRAPHICS)	EACH	12	\$15,000.00	\$180,000.00
6	9240145 MISCELLANEOUS WORK(PAINT BRIDGE FENCE)	LFT.	2,357	\$30.00	\$70,710.00
7	9240146 MISCELLANEOUS WORK(PAINT BRIDGE RAILING)	LFT.	2,846	\$7.00	\$19,922.00
8	9240168 MISCELLANEOUS WORK(PAINT 4' HIGH CHAIN LINK FENCE)	LFT.	2,807	\$3.50	\$9,824.50
9	9240169 MISCELLANEOUS WORK(PAINT 6' HIGH CHAIN LINK FENCE)	LFT.	3,441	\$4.00	\$13,764.00
10	9240171 MISCELLANEOUS WORK(PAINT 6' HIGH GATE)(OVER 13' TO 20' WIDE)	EACH	6	\$175.00	\$1,050.00
11	9240172 MISCELLANEOUS WORK(PAINT 4' HIGH GATE)(OVER 13' TO 18' WIDE)	EACH	7	\$150.00	\$1,050.00
12	9240173 MISCELLANEOUS WORK(PAINT 4' HIGH GATE)(OVER 18' TO 28' WIDE)	EACH	4	\$225.00	\$900.00
13	SUBTOTAL CONSTRUCTION COST (ITEM 5)				\$375,445.50
14	Maintenance of Traffic Share ¹	L_SUM	1	1.50%	\$5,632.00
15	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L_SUM	1	1.00%	\$3,754.00
16	CONTRACTOR QUALITY CONTROL SHARE ³	L_SUM	1	1.00%	\$3,754.00
17	Mobilization Share ⁴	L_SUM	1	10.00%	\$37,545.00
18	SUBTOTAL CONSTRUCTION COST (ITEM 5)				\$426,130.50
19	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$59,658.00
20	DESIGN ENGINEERING				\$11,280.00
21	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$564.00
22	ITEM 5 TOTAL COST				\$497,632.50

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.

EXHIBIT "A"
ITEM 6 IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
1	ITEM 6 - NEW WATERLINES AND SLEEVES				
2					
3	McQUEEN ROAD (48" SLEEVE WITH 36" WATERLINE)	L.FT.	540	\$250.00	\$135,000.00
4	8080543 PIPE (BLACK STEEL) (48")	L.FT.	931	\$175.00	\$162,925.00
5	8081008 WATER MAIN (36") (COC) (MCQUEEN ROAD)	L.FT.			
6	COOPER ROAD (48" SLEEVE WITH 36" WATERLINE)	L.FT.	530	\$250.00	\$132,500.00
7	8080543 PIPE (BLACK STEEL) (48")	L.FT.	849	\$175.00	\$148,575.00
8	8080993 WATER MAIN (36") (COC) (COOPER ROAD)	L.FT.			
9	GILBERT ROAD (24" SLEEVE WITH 12" WATERLINE)	L.FT.			
10	8080539 PIPE (BLACK STEEL) (24")	L.FT.	571	\$150.00	\$85,650.00
11	8080992 WATER MAIN (12") (COC) (GILBERT ROAD)	L.FT.	1,479	\$100.00	\$147,900.00
12	SUBTOTAL CONSTRUCTION COST (ITEM 6)				\$812,550.00
13					
14	MAINTENANCE OF TRAFFIC SHARE ¹	L.SUM	1	1.50%	\$12,188.00
15	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L.SUM	1	1.00%	\$8,126.00
16	CONTRACTOR QUALITY CONTROL SHARE ³	L.SUM	1	1.00%	\$8,126.00
17	MOBILIZATION SHARE ⁴	L.SUM	1	10.00%	\$81,255.00
18	SUBTOTAL CONSTRUCTION COST (ITEM 6)				\$922,245.00
19					
20	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$129,114.00
21	DESIGN ENGINEERING ⁷				\$0.00
22	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$0.00
23	ITEM 6 TOTAL COST				\$1,051,359.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (.1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (.1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (.1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.
7. Design Costs for this item are reflected in JPA 02-012.

EXHIBIT "A"
ITEM 7 IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
ITEM 7 - CONSOLIDATED CANAL UNDERDECK LIGHTING					
2		L. FT.	300	\$3.50	\$1,050.00
3 7320040	ELECTRICAL CONDUIT (1 1/2") (PVC)	L. FT.	430	\$4.25	\$1,827.50
4 7320060	ELECTRICAL CONDUIT (2 1/2") (PVC)	L. FT.			
5 7320400	PULL BOX (NO. 3 1/2)	EACH	4	\$200.00	\$800.00
6 7320500	CONDUCTOR (NO. 12)	L. FT.	200	\$0.20	\$40.00
7 7320540	CONDUCTOR (NO. 4)	L. FT.	600	\$0.70	\$420.00
8 7320560	CONDUCTOR (NO. 2)	L. FT.	600	\$0.85	\$510.00
9 7320585	CONDUCTOR (INSULATED BOND) (NO. 12)	L. FT.	600	\$0.20	\$120.00
10 7360112	LUMINAIRE (UNDERDECK) (HPS 150 WATT)	EACH	4	\$800.00	\$3,200.00
11 7360351	UNDERDECK LIGHTING (CONSOLIDATED CANAL)	L. SUM	1	\$1,000.00	\$1,000.00
12 7370300	REMOVE AND SALVAGE OR REINSTALL ELECTRICAL EQUIPMENT	L. SUM	1	\$1,000.00	\$1,000.00
13	SUBTOTAL CONSTRUCTION COST (ITEM 7)				
14	MAINTENANCE OF TRAFFIC SHARE ¹	L. SUM	1	1.50%	\$150.00
15	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L. SUM	1	1.00%	\$100.00
16	CONTRACTOR QUALITY CONTROL SHARE ³	L. SUM	1	1.00%	\$100.00
17	MOBILIZATION SHARE ⁴	L. SUM	1	10.00%	\$997.00
18	SUBTOTAL CONSTRUCTION COST (ITEM 7)				
19	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$1,584.00
20	DESIGN ENGINEERING ⁷				\$0.00
21	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$0.00
22	ITEM 7 TOTAL COST				
					\$12,898.50

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 1.4% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.
7. Design Costs for this Item are reflected in JPA 02-012.

EXHIBIT "A"
ITEM 8 IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
1	ITEM 8 - REPLACE AND UPSIZE WATERLINE¹⁰				
2	EXISTING 24" WATERLINE TO 36" IN McQUEEN ROAD (INCLUDES UPSIZING PIPE & SLEEVE)	L.FT.	525	\$250.00	\$131,250.00
3	8080543 PIPE (BLACK STEEL) (48")	L.FT.	1,217	\$175.00	\$212,975.00
4	8081008 WATER MAIN (36") (COC) (MCQUEEN ROAD)	L.FT.			
5	EXISTING 6" WATERLINE TO 16" IN COOPER ROAD (INCLUDES UPSIZING PIPE & SLEEVE)	L.FT.	515	\$70.00 ⁸	\$36,050.00
6	8080540 PIPE (BLACK STEEL) (30")	L.FT.	1,647	\$50.00 ⁹	\$82,350.00
7	8081009 WATER MAIN (16") (COC) (COOPER ROAD)	L.FT.			
8	EXISTING 12" WATERLINE TO 16" IN WILLIS ROAD (INCLUDES UPSIZING PIPE & SLEEVE)	L.FT.	725	\$175.00	\$126,875.00
9	8080540 PIPE (BLACK STEEL) (30")	L.FT.	930	\$125.00	\$116,250.00
10	8080996 WATER MAIN (16") (COC) (WILLIS ROAD)	L.FT.			
11	SUBTOTAL CONSTRUCTION COST (ITEM 8)	L.SUM	1	1.50%	\$705,760.00
12	MAINTENANCE OF TRAFFIC SHARE¹	L.SUM	1	1.00%	\$10,586.00
13	CONSTRUCTION SURVEYING AND LAYOUT SHARE²	L.SUM	1	1.00%	\$7,058.00
14	CONTRACTOR QUALITY CONTROL SHARE³	L.SUM	1	1.00%	\$7,058.00
15	MOBILIZATION SHARE⁴	L.SUM	1	10.00%	\$70,575.00
16	SUBTOTAL CONSTRUCTION COST (ITEM 8)				\$801,027.00
17	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION⁵			14.00%	\$112,144.00
18	DESIGN ENGINEERING⁷				\$0.00
19	5% ENGINEERING ADMINISTRATION⁶			5.00%	\$0.00
20	ITEM 8 TOTAL COST				\$913,171.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City's construction cost.
7. Design Costs for this Item are reflected in JPA 02-012.
8. Estimated unit price is \$175 / L.Ft. COC's cost is 40% or \$70 / L.Ft.
9. Estimated unit price is \$125 / L.Ft. COC's cost is 40% or \$50 / L.Ft.
10. See Items 8a, 8b and 8c for additional information.

EXHIBIT "A"
ITEM 8a IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
1	ITEM 8a - REPLACE WATERLINES				
2	EXISTING 24" WATERLINE IN MCQUEEN ROAD WITH 36" SLEEVE	L.FT.	525	\$200.00	\$105,000.00
3	8080541 PIPE (BLACK STEEL) (36")	L.FT.	1,217	\$150.00	\$182,550.00
4	8080994 WATER MAIN (24") (COC) (MCQUEEN ROAD)				
5					
6					
7	EXISTING 12" WATERLINE IN WILLIS ROAD WITH 24" SLEEVE	L.FT.	725	\$150.00	\$108,750.00
8	8080539 PIPE (BLACK STEEL) (24")	L.FT.	930	\$100.00	\$93,000.00
9	8080992 WATER MAIN (12") (COC) (WILLIS ROAD)				
10					
11	SUBTOTAL CONSTRUCTION COST (ITEM 8a)				\$489,300.00
12	MAINTENANCE OF TRAFFIC SHARE¹	L.SUM	1	1.50%	\$7,340.00
13	CONSTRUCTION SURVEYING AND LAYOUT SHARE²	L.SUM	1	1.00%	\$4,893.00
14	CONTRACTOR QUALITY CONTROL SHARE³	L.SUM	1	1.00%	\$4,893.00
15	MOBILIZATION SHARE⁴	L.SUM	1	10.00%	\$48,930.00
16	SUBTOTAL CONSTRUCTION COST (ITEM 8a)				\$555,356.00
17	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION⁵			14.00%	\$77,750.00
18	DESIGN ENGINEERING⁷				\$0.00
19	5% ENGINEERING ADMINISTRATION⁶			5.00%	\$0.00
20	ITEM 8a TOTAL COST (ADOT)				\$633,106.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.
7. Design Costs for this item are reflected in JPA 02-012.

EXHIBIT "A"
ITEM 8b IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
1	ITEM 8b - UPSIZE WATERLINES				
2	EXISTING 24" WATERLINE TO 36" IN MCQUEEN ROAD WITH 48" SLEEVE				
3	8080543 PIPE (BLACK STEEL) (48")	L.FT.	525	\$250.00	\$131,250.00
4	8081008 WATER MAIN (36") (COC) (MCQUEEN ROAD)	L.FT.	1,217	\$175.00	\$212,975.00
5					
6	EXISTING 12" WATERLINE TO 16" IN WILLIS ROAD (INCLUDES UPSIZING PIPE & SLEEVE)				
7	8080540 PIPE (BLACK STEEL) (30")	L.FT.	725	\$175.00	\$126,875.00
8	8080996 WATER MAIN (16") (COC) (WILLIS ROAD)	L.FT.	930	\$125.00	\$116,250.00
9					
10	SUBTOTAL CONSTRUCTION COST (ITEM 8b)				\$587,350.00
11	Maintenance of Traffic Share ¹	L.SUM	1	1.50%	\$8,810.00
12	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L.SUM	1	1.00%	\$5,874.00
13	CONTRACTOR QUALITY CONTROL SHARE ³	L.SUM	1	1.00%	\$5,874.00
14	MOBILIZATION SHARE ⁴	L.SUM	1	10.00%	\$58,735.00
15	SUBTOTAL CONSTRUCTION COST (ITEM 8b)				\$666,643.00
16	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$93,330.00
17	DESIGN ENGINEERING ⁷				\$0.00
18	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$0.00
19	TOTAL COST				\$759,973.00
20	ITEM 8a TOTAL COST(ADOT)				(\$633,106.00)
21	ITEM 8b TOTAL COST(COC)				\$126,867.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.
7. Design Costs for this Item are reflected in JPA 02-012.

EXHIBIT "A"
ITEM 8c IGA COST BACKUP

Item No	Item Description	Unit	Quantity	Unit Price	Amount
1	ITEM 8c - UPSIZE COOPER ROAD WATERLINE				
2					
3					
4	EXISTING 6" WATERLINE TO 16" IN COOPER ROAD (INCLUDES UPSIZING PIPE & SLEEVE)				
5	8080540 PIPE (BLACK STEEL) (30")	L.FT.	515	\$70.00 ⁸	\$36,050.00
6	8081009 WATER MAIN (16") (COC) (COOPER ROAD)	L.FT.	1,647	\$50.00 ⁹	\$82,350.00
7					
8	SUBTOTAL CONSTRUCTION COST (ITEM 8c)				\$118,400.00
9	Maintenance of Traffic Share ¹	L.SUM	1	1.50%	\$1,776.00
10	Construction Surveying and Layout Share ²	L.SUM	1	1.00%	\$1,184.00
11	Contractor Quality Control Share ³	L.SUM	1	1.00%	\$1,184.00
12	Mobilization Share ⁴	L.SUM	1	10.00%	\$11,840.00
13	SUBTOTAL CONSTRUCTION COST (ITEM 8c)				\$134,384.00
14	14% Construction Engineering and Administration ⁵			14.00%	\$18,814.00
15	Design Engineering ⁷				\$0.00
16	5% Engineering Administration ⁶			5.00%	\$0.00
17	ITEM 8c TOTAL COST (COC)				\$153,198.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.
7. Design Costs for this Item are reflected in JPA 02-012.
8. Estimated unit price is \$175 / L.Ft., COC's cost is 40% or \$70 / L.Ft.
9. Estimated unit price is \$125 / L.Ft., COC's cost is 40% or \$50 / L.Ft.

EXHIBIT "A"
ITEM 9 IGA COST BACKUP

Engineer's Estimate Version
JPA 02-176
February 19, 2003

Item No	Item Description	Unit	Quantity	Unit Price	Amount
ITEM 9 - REPLACE EXISTING SEWER LINES					
1					
2					
3	18" FORCE MAIN IN MCQUEEN ROAD	L.FT.	518	\$175.00	\$90,650.00
4	8080540 PIPE (BLACK STEEL) (30')	L. FT.	1,100	\$125.00	\$137,500.00
5	8080695 WATER MAIN (18" FORCE MAIN) (COC) (MCQUEEN ROAD)				
6	30" SEWER LINE IN MCQUEEN ROAD	L.FT.	503	\$225.00	\$113,175.00
7	8081242 PIPE, STEEL (42")	L. FT.	1,649	\$200.00	\$329,800.00
8	8090188 SEWER PIPE (VITRIFIED CLAY) (30")				
9	SUBTOTAL CONSTRUCTION COST (ITEM 9)				\$671,125.00
10					
11	MAINTENANCE OF TRAFFIC SHARE¹	L.SUM	1	1.50%	\$10,067.00
12	CONSTRUCTION SURVEYING AND LAYOUT SHARE²	L.SUM	1	1.00%	\$6,711.00
13	CONTRACTOR QUALITY CONTROL SHARE³	L.SUM	1	1.00%	\$6,711.00
14	MOBILIZATION SHARE⁴	L.SUM	1	10.00%	\$67,113.00
15	SUBTOTAL CONSTRUCTION COST (ITEM 9)				\$761,727.00
16					
17	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION⁵			14.00%	\$106,642.00
18	DESIGN ENGINEERING⁷				\$0.00
19	5% ENGINEERING ADMINISTRATION⁶			5.00%	\$0.00
20	ITEM 9 TOTAL COST				\$868,369.00

Notes:

- Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
- Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
- Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
- Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
- Construction Engineering and Administration is calculated at 14% of the City's construction cost.
- Engineering Administration is calculated at 5% of the City design cost.
- Design Costs for this item are reflected in JPA 02-012.

EXHIBIT "A"
ITEM 10 IGA COST BACKUP

Engineer's Estimate Version
 JPA 02-176
 February 19, 2003

Item No	Item Description	Unit	Quantity	Unit Price	Amount
ITEM 10 - SIDEWALKS AND HANDICAP RAMPS					
1					
2					
3	9080241 CONCRETE SIDEWALK (MAG DET. 230 & 231)	SQ.FT.	5,428	\$2.25	\$12,213.00
4	9080300 CONCRETE SIDEWALK RAMP (DETAIL CE)	EACH	4	\$600.00	\$2,400.00
5					
6	SUBTOTAL CONSTRUCTION COST (ITEM 10)				\$14,613.00
7					
8	MAINTENANCE OF TRAFFIC SHARE ¹	L.SUM	1	1.50%	\$219.00
9	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L.SUM	1	1.00%	\$146.00
10	CONTRACTOR QUALITY CONTROL SHARE ³	L.SUM	1	1.00%	\$146.00
11	MOBILIZATION SHARE ⁴	L.SUM	1	10.00%	\$1,461.00
12	SUBTOTAL CONSTRUCTION COST (ITEM 10)				\$16,585.00
13					
14	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$2,322.00
15	DESIGN ENGINEERING				\$1,700.00
16	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$85.00
17	ITEM 10 TOTAL COST				\$20,692.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.

EXHIBIT "A"
ITEM 11 IGA COST BACKUP

Engineer's Estimate Version
 JPA 02-176
 February 19, 2003

Item No	Item Description	Unit	Quantity	Unit Price	Amount
1	ITEM 11 - STORM DRAIN				
2					
3	5011024 PIPE, REINFORCED CONCRETE, CLASS IV, 24"	L.FT.	1,626	\$60.00	\$97,560.00
4					
5					
6	SUBTOTAL CONSTRUCTION COST (ITEM 11)				\$97,560.00
7					
8	MAINTENANCE OF TRAFFIC SHARE ¹	L.SUM	1	1.50%	\$1,463.00
9	CONSTRUCTION SURVEYING AND LAYOUT SHARE ²	L.SUM	1	1.00%	\$976.00
10	CONTRACTOR QUALITY CONTROL SHARE ³	L.SUM	1	1.00%	\$976.00
11	MOBILIZATION SHARE ⁴	L.SUM	1	10.00%	\$9,756.00
12	SUBTOTAL CONSTRUCTION COST (ITEM 11)				\$110,731.00
13					
14	14% CONSTRUCTION ENGINEERING AND ADMINISTRATION ⁵			14.00%	\$15,502.00
15	DESIGN ENGINEERING				\$15,300.00
16	5% ENGINEERING ADMINISTRATION ⁶			5.00%	\$765.00
17	ITEM 11 TOTAL COST				\$142,298.00

Notes:

1. Maintenance of Traffic was calculated on a percentage basis (1.5% fixed) of the construction cost of the City's items.
2. Construction Surveying and Layout was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
3. Contractor Quality Control was calculated on a percentage basis (1.0% fixed) of the construction cost of the City's items.
4. Mobilization was calculated on a percentage basis (10.0% fixed) of the construction cost of the City's items.
5. Construction Engineering and Administration is calculated at 14% of the City's construction cost.
6. Engineering Administration is calculated at 5% of the City design cost.

RESOLUTION NO. 3582

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHANDLER, ARIZONA, AUTHORIZING AN INTERGOVERNMENTAL AGREEMENT (IGA) WITH THE ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT) FOR CITY FUNDING OF AESTHETIC ENHANCEMENTS TO THE SANTAN FREEWAY FROM ARIZONA AVENUE TO GILBERT ROAD

WHEREAS, the City of Chandler desires aesthetic enhancements to the Santan Freeway; and,

WHEREAS, the City of Chandler desires to incorporate improvements to certain traffic signals, water and wastewater facilities, bus bays, and bridge lighting along the Santan Freeway; and,

WHEREAS, the Arizona Department of Transportation will provide design, bidding and construction services for these facilities as part of the Santan Freeway project; and

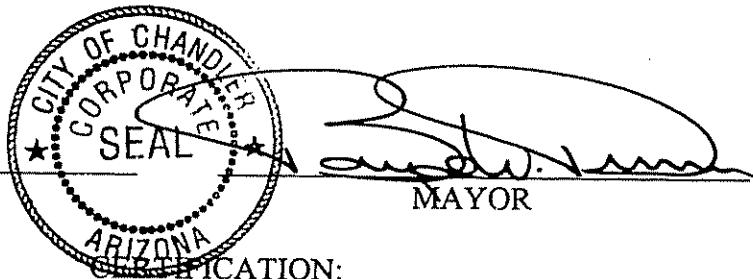
WHEREAS, an IGA is required by the City and ADOT to specify the responsibilities between the parties;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Chandler, Arizona, that the Mayor be authorized to sign and execute said amended Intergovernmental Agreement on behalf of the City of Chandler.

PASSED AND ADOPTED by the City Council of the City of Chandler, Arizona this 27th day of February 2003.

ATTEST:

Marilyn Padolsch
CITY CLERK



MAYOR

CERTIFICATION:

I HEREBY CERTIFY that the above and foregoing Resolution No. 3582 was duly passed and adopted by the City Council of the City of Chandler, Arizona, at the regular meeting held on the 27th day of February 2003, and that a quorum was present thereat.

Marilyn Padolsch
CITY CLERK

APPROVED AS TO FORM:

Dennis M. O'Neill
CITY ATTORNEY

APPROVAL OF THE CITY OF CHANDLER ATTORNEY

I have reviewed the above referenced proposed intergovernmental agreement, between the DEPARTMENT OF TRANSPORTATION, INTERMODAL TRANSPORTATION DIVISION, and the CITY OF CHANDLER and declare this agreement to be in proper form and within the powers and authority granted to the City under the laws of the State of Arizona. No opinion is expressed as to the authority of the State to enter into this agreement.

DATED this 28th day of February, 2003.

Lennie M. O'Neill

Attorney